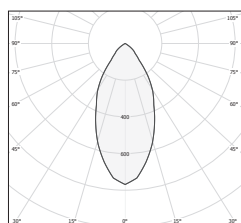
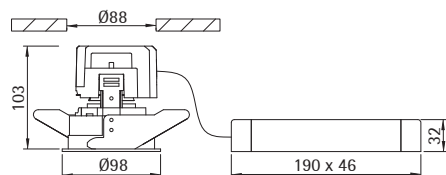
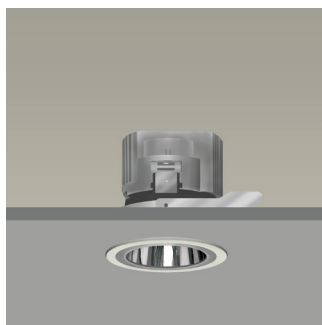


## LED DOWNLIGHT with LENS

Round, Ø 98mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm                                            |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W                                               |
| System efficacy   | : 76 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C) (L70 at Tc 70°C)    |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

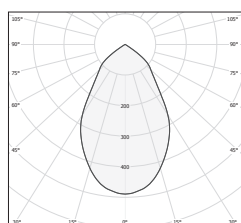
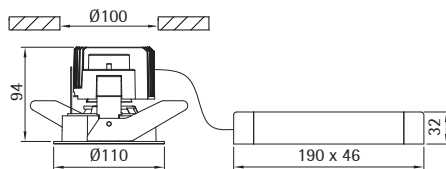
|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.44 kg                                                 |

**31053.103** (1100lm, 3000K,)

**31053.104** (1100lm, 4000K)

## LED DOWNLIGHT with LENS

Round, Ø 110mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm                                            |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W                                               |
| System efficacy   | : 79 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C) (L70 at Tc 70°C)    |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

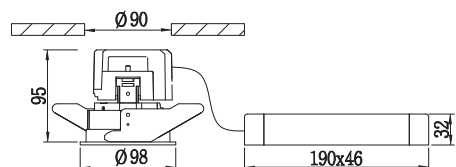
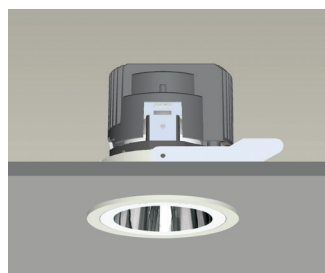
|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.44 kg                                                 |

**31005.103** (1100lm, 3000K)

**31005.104** (1100lm, 4000K)

## LED MINI DOWNLIGHT with PIN SPOT

Round, Ø 98mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm                                            |
| Light colour      | : Warm light, 3000K; Natural white, 4000K           |
| Power consumption | : 10W                                               |
| System efficacy   | : 79 - 100lm/W                                      |
| CRI               | : >97                                               |
| Voltage           | : 220-240V/50/60Hz (other voltages upon request)    |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

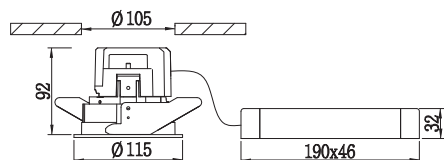
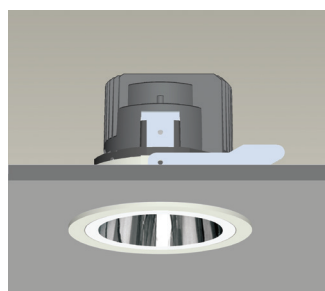
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : High specular aluminium silver                         |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 20                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.23 kg                                                |

**31144.103** (1100lm, 3000K)

**31144.104** (1100lm, 4000K)

## LED MINI DOWNLIGHT with PIN SPOT

Round, Ø 115mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm                                            |
| Light colour      | : Warm light, 3000K; Natural white, 4000K           |
| Power consumption | : 10W                                               |
| System efficacy   | : 79 - 100lm/W                                      |
| CRI               | : >97                                               |
| Voltage           | : 220-240V/50/60Hz (other voltages upon request)    |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

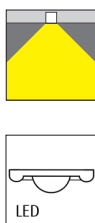
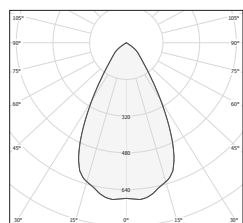
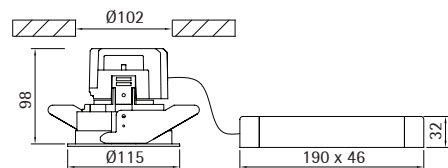
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : High specular aluminium silver                         |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 20                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.23 kg                                                |

**31145.103** (1100lm, 3000K)

**31145.104** (1100lm, 4000K)

## LED DOWNLIGHT with LENS

Round, Ø 115mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm                                            |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W – 19W                                         |
| System efficacy   | : 76 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

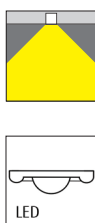
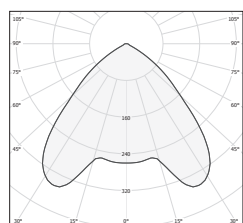
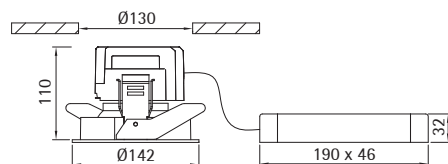
|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.45 kg                                                 |

**31001.103** (1100lm, 3000K)

**31001.104** (1100lm, 4000K)

## LED DOWNLIGHT with LENS

Round, Ø 142mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm – 2000lm                                   |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W                                               |
| System efficacy   | : 76 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : Vacuum metalized aluminium in specular silver           |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.70kg                                                  |

**31023.103** (1100lm, 3000K)

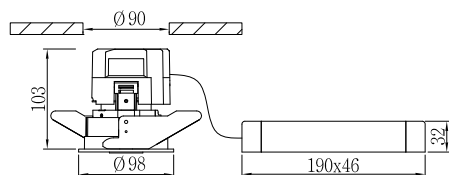
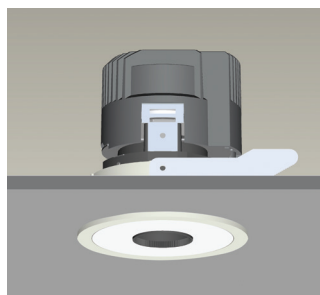
**31023.203** (2000lm, 8000K)

**31023.104** (1100lm, 4000K)

**31023.204** (2000lm, 4000K)

## LED PINSPOT DOWNLIGHT with GLASS LENS

Round Ø 98mm

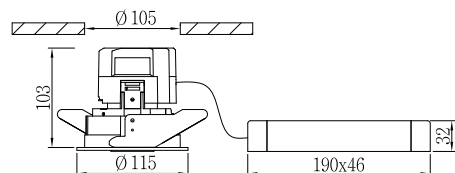
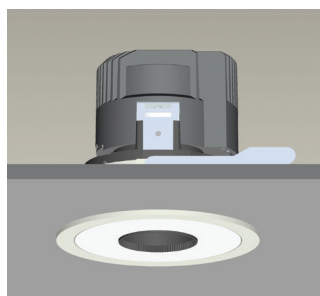


|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 1100lm; 2000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 10 - 24W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.45kg                                                 |

|               |                |
|---------------|----------------|
| 31167.000.103 | (1100lm.3000k) |
| 31167.000.203 | (2000lm.3000k) |
| 31167.000.104 | (1100lm.4000k) |
| 31167.000.204 | (2000lm.4000k) |

## LED PINSPOT DOWNLIGHT with GLASS LENS

Round Ø 115mm



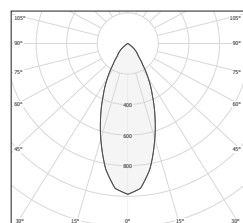
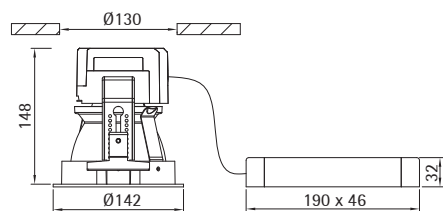
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 1100lm; 2000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 10 - 24W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.45kg                                                 |

|               |                |
|---------------|----------------|
| 31168.000.103 | (1100lm.3000k) |
| 31168.000.203 | (2000lm.3000k) |
| 31168.000.104 | (1100lm.4000k) |
| 31168.000.204 | (2000lm.4000k) |



## LED DOWNLIGHT with LENS

Round, Ø 142mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm; 2000lm                                    |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W – 20W                                         |
| System efficacy   | : 76 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



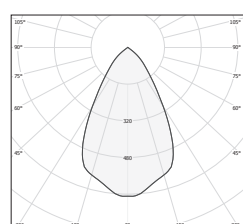
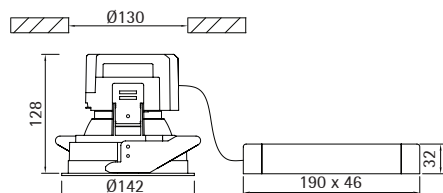
Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.79 kg                                                 |

|                  |                        |
|------------------|------------------------|
| <b>31097.103</b> | <i>(1100lm, 3000K)</i> |
| <b>31097.203</b> | <i>(2000lm, 3000K)</i> |
| <b>31097.104</b> | <i>(1100lm, 4000K)</i> |
| <b>31097.204</b> | <i>(2000lm, 4000K)</i> |

## LED DOWNLIGHT with LENS

Round, Ø 142mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm; 2000lm                                    |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W – 20W                                         |
| System efficacy   | : 79 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



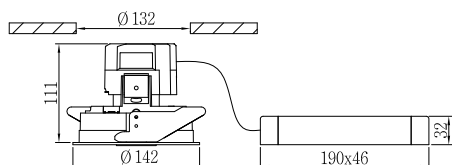
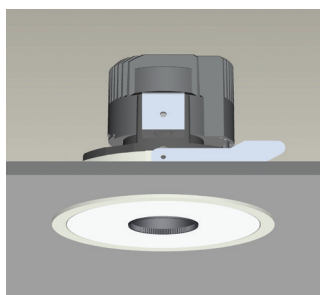
Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 0.66 kg                                                 |

|                  |                        |
|------------------|------------------------|
| <b>31002.103</b> | <i>(1100lm, 3000K)</i> |
| <b>31002.203</b> | <i>(2000lm, 3000K)</i> |
| <b>31002.104</b> | <i>(1100lm, 4000K)</i> |
| <b>31002.204</b> | <i>(2000lm, 4000K)</i> |

## LED PINSPOT DOWNLIGHT with GLASS LENS

Round Ø 142mm



|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 1100lm; 2000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 10 - 24W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.55 kg                                                |

**31169.000.103** (1100lm.3000k)

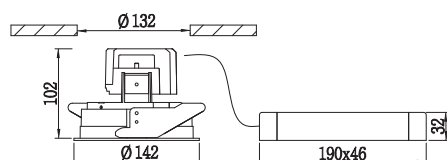
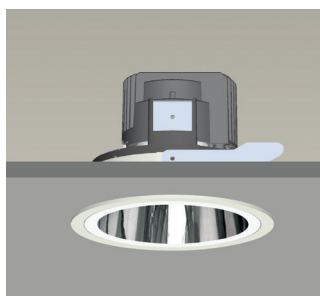
**31169.000.203** (2000lm.3000k)

**31169.000.104** (1100lm.4000k)

**31169.000.204** (2000lm.4000k)

## LED MINI DOWNLIGHT with PIN SPOT

Round, Ø 142mm



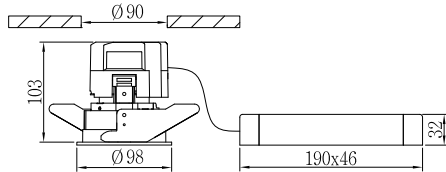
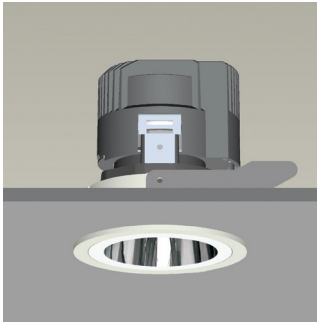
|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 800lm; 1100lm                                          |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 8-14W                                                  |
| System efficacy             | : 79- 100lm/W                                            |
| CRI                         | : >90                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 70°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : High specular aluminium silver                         |
| Anti glare                  | : Black louvre                                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 20                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.23 kg                                                |

**31146.103** (1100lm, 3000K)

**31146.104** (1100lm, 4000K)

## LED APERTURE DOWNLIGHT with GLASS LENS

Round Ø 98mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm; 2000lm                                    |
| Light colour      | : Warm light, 3000K; Natural white, 4000K           |
| Power consumption | : 10 - 24W                                          |
| System efficacy   | : 77- 100lm/W                                       |
| CRI               | : >95                                               |
| Voltage           | : 220-240V/50/60Hz (other voltages upon request)    |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.45 kg                                                |

|               |                |
|---------------|----------------|
| 31164.000.103 | (1100lm.3000k) |
| 31164.000.203 | (2000lm.3000k) |
| 31164.000.104 | (1100lm.4000k) |
| 31164.000.204 | (2000lm.4000k) |

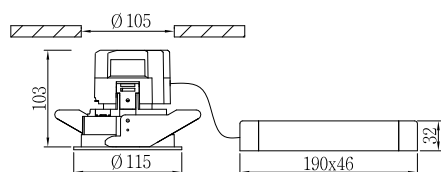
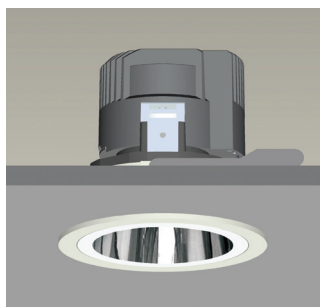


Manor Schönbühl



## LED APERTURE DOWNLIGHT with GLASS LENS

Round Ø 115mm

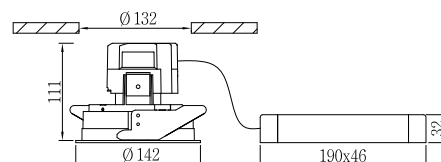
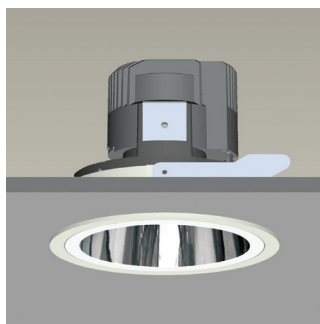


|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 1100lm; 2000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 10 - 24W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.45 kg                                                |

|               |                |
|---------------|----------------|
| 31165.000.103 | (1100lm.3000k) |
| 31165.000.203 | (2000lm.3000k) |
| 31165.000.104 | (1100lm.4000k) |
| 31165.000.204 | (2000lm.4000k) |

## LED APERTURE DOWNLIGHT with GLASS LENS

Round Ø 142mm

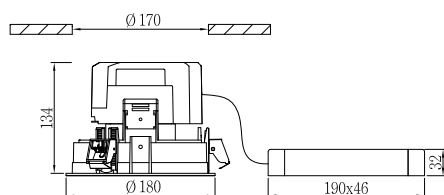
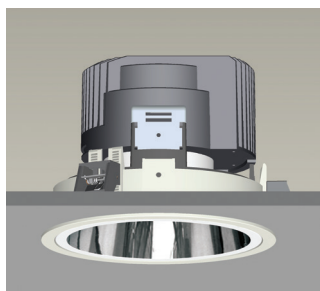


|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 1100lm; 2000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 10 - 24W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 0.55 kg                                                |

|               |                |
|---------------|----------------|
| 31166.000.103 | (1100lm.3000k) |
| 31166.000.203 | (2000lm.3000k) |
| 31166.000.104 | (1100lm.4000k) |
| 31166.000.204 | (2000lm.4000k) |

## LED APERTURE DOWNLIGHT with GLASS LENS

Round Ø 180mm

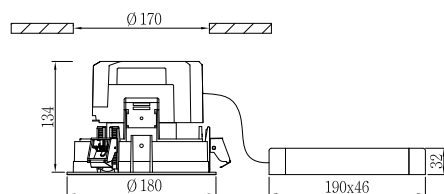
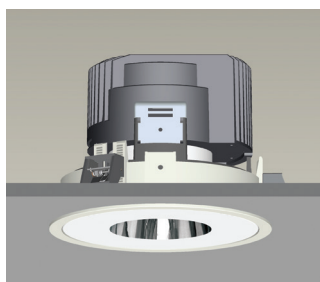


|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 2000lm; 3000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 18 - 34W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 1.1kg                                                  |

|               |                |
|---------------|----------------|
| 31170.000.203 | (2000lm.3000k) |
| 31170.000.303 | (3000lm.3000k) |
| 31170.000.204 | (2000lm.4000k) |
| 31170.000.304 | (3000lm.4000k) |

## LED PINHOLE DOWNLIGHT with GLASS LENS

Round Ø 180mm

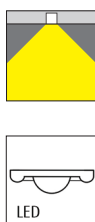
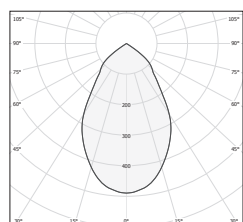
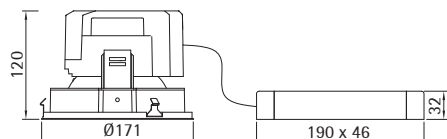


|                             |                                                          |
|-----------------------------|----------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module      |
| Lumen output                | : 2000lm; 3000lm                                         |
| Light colour                | : Warm light, 3000K; Natural white, 4000K                |
| Power consumption           | : 18 - 34W                                               |
| System efficacy             | : 77- 100lm/W                                            |
| CRI                         | : >95                                                    |
| Voltage                     | : 220-240V/50/60Hz (other voltages upon request)         |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                          |
| Driver unit                 | : Philips Xitanium LED driver                            |
|                             |                                                          |
|                             | Operating temperature from -20 to +65°C                  |
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL9002) |
| Reflector                   | : Aluminium silver                                       |
| Diffuser                    | : Glass lens                                             |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance    |
| Cable                       | : 400mm length multi-core cable                          |
| DALI control                | : Optional                                               |
| Ingress protection          | : IP 44                                                  |
| Optimum working Temperature | : 25°C                                                   |
| Weight                      | : 1.1kg                                                  |

|               |                |
|---------------|----------------|
| 31171.000.203 | (2000lm.3000k) |
| 31171.000.303 | (3000lm.3000k) |
| 31171.000.204 | (2000lm.4000k) |
| 31171.000.304 | (3000lm.4000k) |

## LED RECESSED DOWNLIGHT with ROUND FRAME and LENS

Round, Ø 192mm



|                             |                                                       |
|-----------------------------|-------------------------------------------------------|
| Light source                | : High performance Philips Fortimo LED light module   |
| Lumen output                | : 2000lm; 3000lm                                      |
| Light colour                | : Warm white, 3000K; Natural white, 4000K             |
| Power consumption           | : 19 – 32W                                            |
| System efficacy             | : 77 – 95lm/W                                         |
| CRI                         | : >97                                                 |
| Voltage                     | : 220-240V / 50/60Hz (other voltages upon request)    |
| Lifetime                    | : 50,000 hours (L70 at Tc 75°C)                       |
| Driver unit                 | : Philips Xitanium LED driver                         |
|                             |                                                       |
|                             | Operating temperature from -20 to +65°C               |
| Cover                       | : Stainless steel rim and tempered glass              |
| Reflector                   | : High specular aluminium silver                      |
| Diffuser                    | : Wide angle frosted glass lens                       |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance |
| Cable                       | : 400mm length multi-core cable                       |
| DALI control                | : Optional                                            |
| Ingress protection          | : IP 20                                               |
| Optimum working temperature | : 25°C                                                |
| Weight                      | : 1.56 kg                                             |

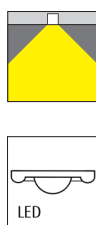
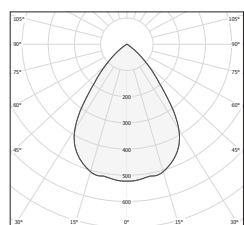
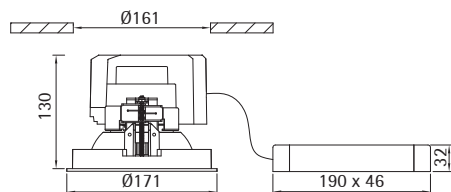
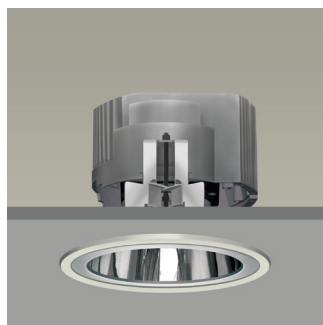
|           |                    |
|-----------|--------------------|
| 31109.203 | (2000lm, 3000K) DL |
| 31109.303 | (3000lm, 3000K) DL |
| 31109.204 | (2000lm, 4000K) DL |
| 31109.304 | (3000lm, 4000K) DL |



Bucherer München

## LED DOWNLIGHT with LENS

Round, Ø 171mm



|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Light source      | : High performance Philips Fortimo DLM LED light module |
| Lumen output      | : 1100lm; 2000lm                                        |
| Light colour      | : Warm white, 3000K; Natural white, 4000K               |
| Power consumption | : 11W – 21W                                             |
| System efficacy   | : 87 – 100lm/W                                          |
| CRI               | : > 95                                                  |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)      |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                         |
| Driver unit       | : Philips Xitanium LED driver                           |



Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.31 kg                                                 |

**31024.103** (1100lm, 3000K) DL

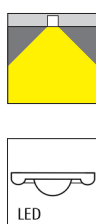
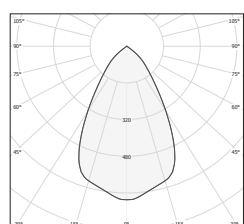
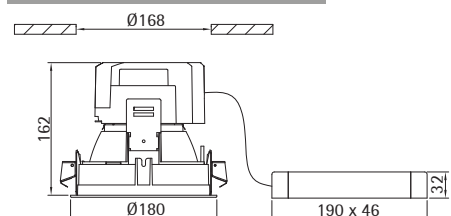
**31024.203** (2000lm, 3000K) DL

**31024.104** (1100lm, 4000K) DL

**31024.204** (2000lm, 4000K) DL

## LED DOWNLIGHT with LENS

Round, Ø 180mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 2000lm; 3000lm                                    |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 19W – 26W                                         |
| System efficacy   | : 77 – 95lm/W                                       |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.48 kg                                                 |

**31040.203** (2000lm, 3000K) DL

**31040.303** (3000lm, 3000K) DL

**31040.204** (2000lm, 4000K) DL

**31040.304** (3000lm, 4000K) DL





BOSS  
HUGO BOSS

BOSS  
HUGO BOSS

10%  
Rabatt  
auf alle Herrenkleidung  
bis zum 31.12.2023

BOSS  
HUGO BOSS

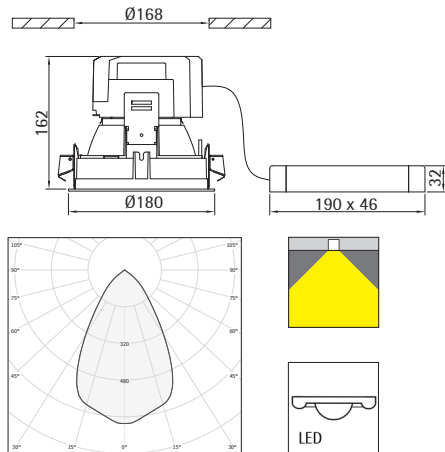
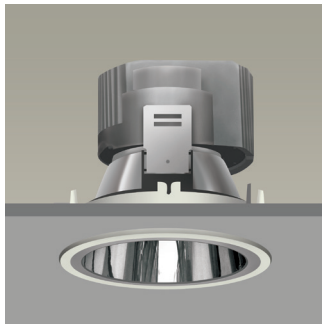


BOSS  
HUGO BOSS



## LED DOWNLIGHT with LENS

Round, Ø 180mm



|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Light source      | : High performance Philips Fortimo DLM LED light module |
| Lumen output      | : 2000lm; 3000lm                                        |
| Light colour      | : Warm white, 3000K; Natural white, 4000K               |
| Power consumption | : 19W – 32W                                             |
| System efficacy   | : 95 – 105lm/W                                          |
| CRI               | : > 80                                                  |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)      |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                         |
| Driver unit       | : Philips Xitanium LED driver                           |



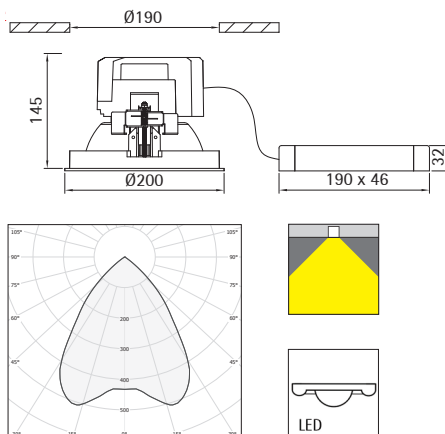
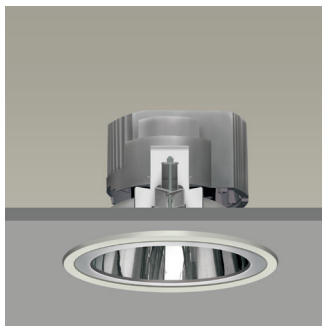
Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.22 kg                                                 |

|                  |                        |
|------------------|------------------------|
| <b>31007.203</b> | <i>(2000lm, 3000K)</i> |
| <b>31007.303</b> | <i>(3000lm, 3000K)</i> |
| <b>31007.204</b> | <i>(2000lm, 4000K)</i> |
| <b>31007.304</b> | <i>(3000lm, 4000K)</i> |

## LED DOWNLIGHT with LENS

Round, Ø 200mm



|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Light source      | : High performance Philips Fortimo DLM LED light module |
| Lumen output      | : 2000lm; 3000lm                                        |
| Light colour      | : Warm white, 3000K; Natural white, 4000K               |
| Power consumption | : 19W – 32W                                             |
| System efficacy   | : 95 – 105lm/W                                          |
| CRI               | : > 80                                                  |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)      |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                         |
| Driver unit       | : Philips Xitanium LED driver                           |



Operating temperature from -20 to +65°C

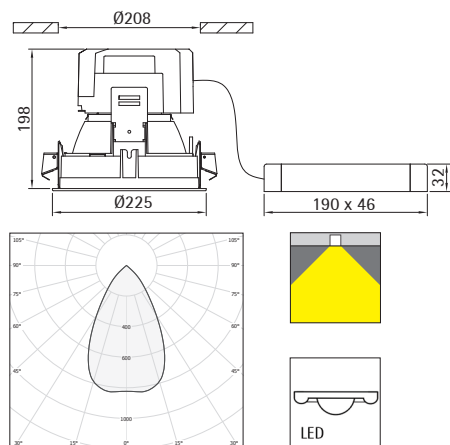
|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.49 kg                                                 |

|                  |                            |
|------------------|----------------------------|
| <b>31025.203</b> | <i>(2000lm, 3000K,) DL</i> |
| <b>31025.303</b> | <i>(3000lm, 3000K) DL</i>  |
| <b>31025.204</b> | <i>(2000lm, 4000K) DL</i>  |
| <b>31025.304</b> | <i>(3000lm, 4000K) DL</i>  |



## LED DOWNLIGHT with LENS

Round, Ø 225mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 2000lm; 3000lm                                    |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 19W – 32W                                         |
| System efficacy   | : 77 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.29 kg                                                 |

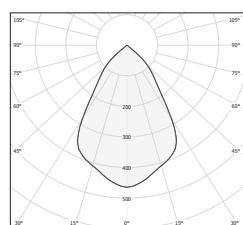
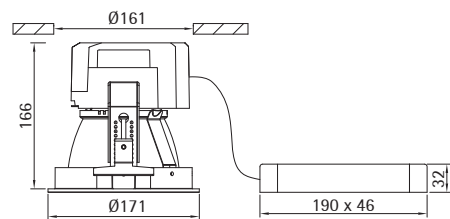
|                  |                        |
|------------------|------------------------|
| <b>31035.203</b> | <i>(2000lm, 3000K)</i> |
| <b>31035.303</b> | <i>(3000lm, 3000K)</i> |
| <b>31035.204</b> | <i>(2000lm, 4000K)</i> |
| <b>31035.304</b> | <i>(3000lm, 4000K)</i> |





## LED DOWNLIGHT with LENS

Round, Ø 171mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm; 2000lm; 3000lm                            |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W – 32W                                         |
| System efficacy   | : 77 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 75°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



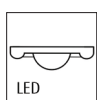
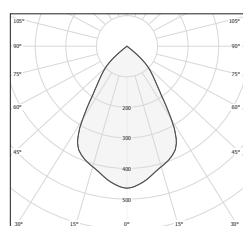
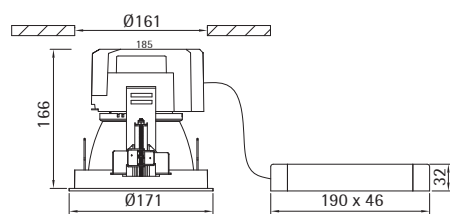
Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.20 kg                                                 |

|                  |                        |
|------------------|------------------------|
| <b>31068.103</b> | <i>(1100lm, 3000K)</i> |
| <b>31068.203</b> | <i>(2000lm, 3000K)</i> |
| <b>31068.303</b> | <i>(3000lm, 4000K)</i> |
| <b>31068.104</b> | <i>(1100lm, 4000K)</i> |
| <b>31068.204</b> | <i>(2000lm, 4000K)</i> |
| <b>31068.304</b> | <i>(3000lm, 4000K)</i> |

## LED DOWNLIGHT with LENS

Round, Ø 171mm



|                   |                                                     |
|-------------------|-----------------------------------------------------|
| Light source      | : High performance Philips Fortimo LED light module |
| Lumen output      | : 1100lm; 2000lm; 3000lm                            |
| Light colour      | : Warm white, 3000K; Natural white, 4000K           |
| Power consumption | : 10W – 32W                                         |
| System efficacy   | : 77 – 100lm/W                                      |
| CRI               | : > 97                                              |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)  |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C)                     |
| Driver unit       | : Philips Xitanium LED driver                       |



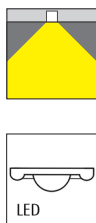
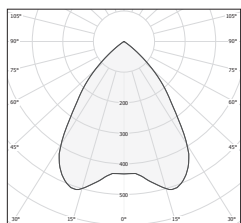
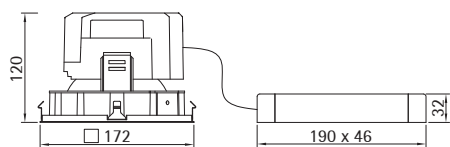
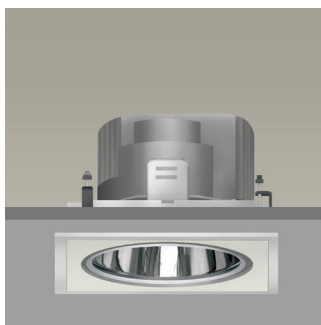
Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.44 kg                                                 |

|                  |                           |
|------------------|---------------------------|
| <b>31026.103</b> | <i>(1100lm, 3000K) DL</i> |
| <b>31026.203</b> | <i>(2000lm, 3000K) DL</i> |
| <b>31026.303</b> | <i>(3000lm, 3000K) DI</i> |
| <b>31026.104</b> | <i>(1100lm, 4000K) DL</i> |
| <b>31026.204</b> | <i>(2000lm, 4000K) DL</i> |
| <b>31026.304</b> | <i>(3000lm, 4000K) DL</i> |

## LED RECESSED MODULAR DOWNLIGHT with SQUARE FRAME SYSTEM and LENS

Square, □ 193 x 193mm | Suitable for modular square frame mounting



|                   |                                                         |
|-------------------|---------------------------------------------------------|
| Light source      | : High performance Philips Fortimo DLM LED light module |
| Lumen output      | : 2000lm; 3000lm                                        |
| Light colour      | : Warm white, 3000K; Natural white, 4000K               |
| Power consumption | : 19 – 32W                                              |
| System efficacy   | : 77 – 95lm/W                                           |
| CRI               | : > 90                                                  |
| Voltage           | : 220-240V / 50/60Hz (other voltages upon request)      |
| Lifetime          | : 50,000 hours (L70 at Tc 70°C)                         |
| Driver unit       | : Philips Xitanium LED driver                           |



Operating temperature from -20 to +65°C

|                             |                                                           |
|-----------------------------|-----------------------------------------------------------|
| Ceiling rim                 | : Die-cast aluminium with white powder coating (RAL 9002) |
| Reflector                   | : High specular aluminium silver                          |
| Diffuser                    | : Wide angle frosted glass lens                           |
| Heat sink                   | : Die-cast aluminium alloy with high heat conductance     |
| Cable                       | : 400mm length multi-core cable                           |
| Frame                       | : Single modular system                                   |
| DALI control                | : Optional                                                |
| Ingress protection          | : IP 20                                                   |
| Optimum working temperature | : 25°C                                                    |
| Weight                      | : 1.75 kg                                                 |

|           |                    |
|-----------|--------------------|
| 31110.203 | (2000lm, 3000K) DL |
| 31110.303 | (3000lm, 3000K) DL |
| 31110.204 | (2000lm, 4000K) DL |
| 31110.304 | (3000lm, 4000K) DL |



Marina Bay Sands, Singapore



